

- 1 -
piece 1, NC_000913, ydhC_cfa-, config: linear, direction: -, begin: 1739466, end: 1739127

5' * *1739460 * *1739450 * *1739440 * *1739430 * *1739420 * *1739410 * *1739400 * *1739390
act g a c t t c t t c t a t a c a c g a t q a a c t c a t a g t t c t c c a t c a c t g g t c g g t q a t c a g a a c c t t a a a a c a g c g t a g a c g t 3'
thr - asp - phe - phe - tyr - thr - arg
leu - thr - ser - ser - ile - his - asp - glu - leu - ile - val - ser - pro - ser - leu - val - gly - asp - gln - asn - leu - lys - thr - ala -
- fMet - asn - ser - red dot
[NC_000913.cfa]

5' * *1739380 * *1739370 * *1739360 * *1739350 * *1739340 * *1739330 * *1739320 * *1739310 *
t t t g g g c t t t g t q a g a a a t c t c g c a g a a a a a c c g c g a g t c t a t c a t a t c c g a c g t a g a c a g a g g g a a a g g a g g a a c c t t 3'
fMet -
leu - gly - phe - val - arg - asn - leu - ala - glu - lys - thr - ala - ser - leu -
red dot

sd

{ ... sd-(17)-ir 1739298 Gap 6.5 bits
... sd-ir 1739298 ydhC_cfa- t

5' *1739300 * *1739290 * *1739280 * *1739270 * *1739260 * *1739250 * *1739240 * *1739230 *
g c c g a a a t g a c t a t c c a t a g t g a g t c g g g a a c g a t c t g t c c c g t a a a a a c a t a t a t t a t c g t a g c t t a a c a c t c g 3'
fMet - thr - ile - his - ser - glu - ser - gly - thr - ile - leu - ser - pro -
pro - lys - red dot - fMet - ser - arg - glu - arg - ser - cys - pro - arg - lys - asn - ile - ile - phe - ile - val - ala - leu - thr - thr - arg -
red dot
ir ydhC_cfa-
[###] orf 14 codons
p10 3.8 bits

... } sd-(17)-ir 1739298 Gap 6.5 bits

p35 1.6 bits

{ ... p35-(23)-p10 1739243 Gap 1.4 bits
... p35-p10 1739243 total 4.0 bits

... -----| sd-ir 1739298 ydhC_cfa- total 8.6 bits

5' *1739220 * *1739210 * *1739200 * *1739190 * *1739180 * *1739170 * *1739160 * *1739150 *
a a a t t a g t a t a g g g c c g c t a a t t c a a t c a t a c a a a a t t t t g t t a g c a g c c t a a g t a t a a g t a t a t c g a t a t a g a t c a g 3'
asn - red dot -
fMet - leu - ala - ala - red dot -
- fMet -
p35 4.7 bits
p10 2.2 bits <----- ... NC_000913.ydhC

{ ... p35-(22)-p10 1739159 Gap 2.3 bits
... p35-p10 1739159 total 4.6 bits

*1739140 * *1739130
5' t g t g a t t c g c t a t t q a g 3'
-fMet - ile - arg - tyr - glu -
- fMet -

... } NC_000913.ydhC